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00001B1	Additional funding for CLIN 0001B Delivery: 12/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TE ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV101A000D2010SWE020GE000025005900590BD0-59070014 00000000-252R-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	Jħ		(b)(4)
00002	ODC Reimbursable - NTE Travel and ODCs Delivery: 09/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TH ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV090A000D2010SWE020TR1001250059005900TT-59070005 03000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$10,553.63		ЈВ	10,553.63	10,553.63
00002A	OPDIONAL - ODC Reimbursable - NDE Dravel and ODCs for Phase II POP - Effective Date of Exercise (EDOE) - 3 months Amount: \$48,560.37(Option Line Item) 12/15/2010		JB	48,560.37	0.00
00002B	ODC Reimbursable - NTE Travel and ODCs for Phase III POP- December 15, 2010 - March 14, 2011 Continued	1	ЈВ	340.44	340.44

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00003	Delivery: 12/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TE ST EAST -5 Attn:	1	JB		(b)(4)
	Delivery: 09/15/2010 Delivery Location Code: TSA14 Finance and Adminstration 701 S 12TE STREET Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5TS090A000D2009ITS010GE000077006400640CF0-64000000 00000000-252R-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FFP - Licenses for Task A - Initial Pilot Phase - licensing solution to support 4,100 users of the Continued	1	JB		(b)(4)

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	d Martin Services Incorporated				
ITEM NO. (Λ)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (∑)	AMOUNT (F)
	Microexpression Training Course (Original) or equal or better training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, UNLIMITED ACCESS				
	Delivery: 09/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TH ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV090A00CD2010SWE020TR1001250059005900TT-59070005 030000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
00005A	Additional funding for CLIN 0005 from different LOA.	1	JВ		(b)(4)
	Delivery: 09/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TE ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV090A000D2010SWE020TR1001250059005900TT-59070005 03000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
00005A1	Additional funding for CLIN 0005 from different LOA.	1	JВ		(b)(4)
	Delivery: 09/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TH ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV101A000D2010SWE020GE000025005900590BD0-59070014 00000000-252R-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
00006	T&M - Task B - OLC Integration labor	1	JВ		(b)(4)
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	Delivery: 09/15/2010 Delivery Location Code: TSA29 OFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TE ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV090A000D2010SWE020TR1001250059005900TT-59070005 03000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				
20027	OPTIONAL - FFP - Year 1 - Licenses for Task C - TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online or equal or better training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) ENTERPRISE LICENSE, ONE YEAR ACCESS Amount: (b)(4) Option Line Item) 12/15/2010	1	JB	(b)(4)	0.00
00007A	OPTIONAL - FFP - Year 1 - Licenses for Task C - TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) ENTERPRISE LICENSE, TWO YEAR ACCESS Amount: (b)(4) Option Line Item) 12/15/2010	1	JВ	(b)(4)	0.00
00007В	OPTIONAL - FFP -Year 1 - Licenses for Task C - TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, TWO YEAR LICENSE TERMS Amount: (b)(4) (Option Line Item) 12/15/2010	1	JB	(b)(4)	0.00
20008	OPTIONAL - FFP - Year 1 - Licenses for Task A - licensing solution to support 44,000 users of the Microexpression Training Course (Original) training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, Continued	1	ЈВ	(b)(4)	0.00

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ITEM NO.	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT	UNIT PRICE (∑)	AMOUNT
00009	UNLIMITED ACCESS Amount: (b)(4) (Option Line Item) 12/15/2010 OPTIONAL - Tam - Task D - Curriculum Development for TSA Micro-Facial Draining Amount: (b)(4) (Option Line Item) 12/15/2010	1	JB	(b)(4)	0.00
00010	T&M - Task E - BDO Training Licenses/ OLC Integration	1	JВ		(b)(4)
00011	Delivery: 12/15/2010 Delivery Location Code: TSA29 CFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TE ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV101A000D2010SWE020TR1004250059005900TT-59070005 03000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FFP - Year 1 - Licenses for Task E - BDO Training Licenses - licensing solution to support 3,100 users of the MiX2 and MiX2 Additional training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, UNLIMITED ACCESS Delivery: 12/15/2010 Delivery Location Code: TSA29 CFFICE OF SECURITY OPERATIONS (OSO) 601 S 12TE ST EAST -5 Attn: (b)(6) ARLINGTON VA 20598 Accounting Info: 5AV101A000D2010SWE020GE000025005900590BD0-59070014 00000000-252R-TSA DIRECT-DEF. TASK-D Funded: (b)(4) The total amount of award: \$7,395,906.65. The obligation for this award is shown in box 26.	1	JB		(b)(4)

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SECTION B - SCHEDULE

B.1 Contract Line Items, Descriptions

Effective Date of Award (EDOA) = September 15, 2010

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001**	FFP – Project Management for Phase 1 POP - September 15, 2010 – December 14, 2010	1	lop	(b)(·	4)
0001A**	OPTIONAL - FFP – Project Management for Phase II POP - Effective Date of Exercise (EDOE) – 3 months	I	Job	(b)(-	4)
0001B (includes CLIN 1B1)**	FFP – Project Management for Phase III POP – December 15, 2010 – March 14, 2011	I	Job	(b)(-	4)
0002**	ODC Reimbursable - NTE Travel and ODCs POP - September 15, 2010 - December 14, 2010	1	Lot	NTE \$10,553.63	NTE \$10,553.63
0002A**	OPTIONAL - ODC Reimbursable - NTE Travel and ODCs for Phase II POP - Effective Date of Exercise (EDOE) – 3 months	I	Lot	NTE \$48,560.37	NTE \$48,560.37
0002B**	ODC Reimbursable - NTE Travel and ODCs for Phase III POP - December 15, 2010 - March 14, 2011	I	Lot	NTE \$340.44	NTE \$340.44
Phase I - P	Period of Performance - September 15, 2010 –	December 14, 2	010		
0003.	FFP - Task A - Initial Pilot Phase labor	1.	Job	(b)(4)
0004.	FFP – Licenses for Task A – Initial Pilot Phase – licensing solution to support 4,100 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, EIGHTEEN MONTH LICENSE TERM	1.	Lot	(b)	(4)
0005. (includes. CLINs 0005A, 0005A1)	FFP. – Licenses for Task A. – Initial Pilot Phase - licensing solution to support 4,100 users of the Microexpression Training Course (Original) training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, UNLIMITED ACCESS	1.	Lot	(b)	(4)
0006	T&M – Task B - OLC Integration labor *	I	Job	(b)((4)
Phase II –	Period of Performance - EDOE - 3 months	-			
0007.	OPTIONAL – FFP. – Year 1 Licenses for Task C. – TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution	1,	Lot	(b)	(4)

Task Order 8 September 15, 2010

	(licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) ENTERPRISE LICENSE, ONE YEAR ACCESS			
0007A	OPTIONAL – FFP – Year 1 - Licenses for Task C – TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) ENTERPRISE LICENSE, TWO YEAR ACCESS	1	Lot	(b)(4)
0007B	OPTIONAL – FFP – Year 1 - Licenses for Task C – TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, TWO YEAR LICENSE TERMS	I	Lot	(b)(4)
0008	OPTIONAL - FFP – Year 1 – Licenses for Task A – licensing solution to support 44,000 users of the Microexpression Training Course (Original) training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, UNLIMITED ACCESS	1	Lot	(b)(4)
0009	OPTIONAL – T&M - Task D – Curriculum Development for TSA Micro-Facial Training*	1	Job	(b)(4)
Phase III	- Period of Performance - December 15, 2010	– March 14, 20	11.	
0010	T&M – Task E - BDO Training Licenses/ OLC Integration*	1	Job	(b)(4)
0011	FFP – Year 1 - Licenses for Task E – BDO Training Licenses - licensing solution to support 3,100 users of the MiX2 and MiX2 Additional training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, UNLIMITED ACCESS	1	Lot	(b)(4)

^{*}Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

^{**}Contractor shall bill CLINs 0001, 0001A, 0001b, 0002, 0002A, and 0002B at the sub-CLIN level (as separate CLINs with separate periods of performance)...

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B.2 Associated Labor Categories

The following table defines the labor categories that can be used under each T&M CLIN:

CLIN NO	LABOR CATEGORIES
0006	#58 - Senior information Technology Specialist
	#72 – Subject Matter Expert (SME)
0009	#01 – Senior Instructional Technologist/ Designer
	#02 – Instruction Technologist/ Designer
	#03 – Junior Instructional Technologies/ Designer
	#04 – Senior Curriculum Developer
	#05 – Classroom Curriculum Developer
	#06 – Junior Classroom Curriculum Developer
	#27 – Graphics
	#73 – Security Training Analyst
	#75 – Technical Writer/Editor
0010	#58 – Senior Information Technology Specialist
	#72 – Subject Matter Expert (SME)

B.3 Conditions and Assumptions

The prices above are based on the conditions and assumptions stated in Attachment B that have been accepted by the Government and incorporated into this Task Order.

B.4 Accepted Proposal

The technical proposal titled SST900 TO 08 Tech Approach v2 2nd Submission, dated 08/30/2010 and the price proposal titled SST900 TO 08 Vol 2 Price 2nd Submission, dated 08/30/2010 is hereby accepted.

(End of Section B)

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SECTION C – STATEMENT OF WORK

1. Background

The Transportation Security Administration's (TSA's) Screening of Passengers by Observation Techniques (SPOT) program is a behavior observation and analysis program in which personnel are trained to identify anomalous behaviors that deviate from an established environmental baseline. SPOT is a program designed for passive observation by TSA personnel, known as Behavior Detection Officers (BDOs), who typically observe in front of the security checkpoint, to identify potentially high-risk passengers exhibiting anomalous behaviors that deviate from an established environmental baseline, to include behavior cues associated with the fear of discovery.

Each of the behaviors the BDOs are trained to observe is garnered from both the scientific and law enforcement community. Beginning in fiscal year (FY) 2009, TSA introduced the Additional Behavior Detection Training course (ABDT) as an additional training tool for BDOs. ABDT is a two day class emphasizing non-verbal behavioral detection. This class teaches BDOs how to recognize possible red flags in terms of deception that may manifest itself in micro-expressions and other non-verbal gross motor behavior movements. The main focus is with micro-expression detection during the Casual Conversation portion of the SPOT process. The training also helps direct questions asked of the passenger in order to resolve the situation. The expressions emphasized in the course are universal, meaning that it is culturally independent.

Ideally, the behavior detection capability should be implemented for all TSA staff and especially Transportation Security Officers (TSO), but cognitive demands of the skill severely limit its applications when personnel have other assigned duties they must concentrate on (e.g. physical screening or threat image recognition). As a result, TSA is seeking training for Micro-Facial recognition for TSOs, a smaller subset of the overall behavior detection capability, which is less cognitively demanding than the entire behavior detection capability that is performed by BDOs. With adequate training, Micro-Facial recognition can be implemented while other screening duties are being performed by TSOs or when other cognitive demands are eased. TSA is also looking to procure additional Micro-Facial training for Behavior Detection Officers to complement initial Micro-Facial training and support recurrent Micro-Facial training requirements.

2. Objective

This initiative will provide BDOs and TSOs with continual on-line training in Micro-Facial expression. The objective of the training is to provide BDOs and TSOs with an additional detection tool that can help identify information indicating a potential security threat through recognition of deceptive behaviors. This information would allow TSOs to target their screening efforts more precisely through more directed searches or by requesting the assistance of a BDO to further understand the anomalous behaviors. Because behavior detection focuses on people rather than threat objects which can and have changed to exploit vulnerabilities in our screening system—the capability will better enable the TSA screening workforce to identify existing and novel security threats introduced by a dynamic, adaptive adversary.

The Micro-Facial training for TSOs is in no way intended to replace or diminish the roll of Behavior Detection Officers. Because of the cognitive demands, TSOs cannot implement the full range of the behavior detection, as in the Screening Passengers by Observation Technique (SPOT) process while performing other screening duties. BDOs, unencumbered by these other screening duties, will continue to have a crucial role in detecting mal-intent by being able to employ the full range of behavior detection tools across a wider scope of security operations.

3. Scope of Work

TSA requires scientifically validated, web-based Micro-Facial recognition training that can be completed in approximately 20-60 minute sessions. Through market research TSA has identified two Commercial- Off-The-Shelf (COTS) products that meet TSA's requirements, will minimize development efforts and significantly reduce Operations and Maintenance (O&M) costs. The two Micro-Facial training products complement one another for training purposes, as one product primarily focuses on frontal facial views, whereas the second product adds profiles views to the frontal views. An additional benefit of using both products is a greater number of images for TSOs/BDOs to view. Although TSA's market research revealed only two vendors which produce Micro Facial training meeting TSA requirements, the contractor is encouraged to offer other potential training solutions if such solutions are discovered. A detailed description of the two suggested products, sub-products and TSA's training requirements are provided in Appendix A.

TSA requires a multi-phased procurement of the Micro-Facial recognition training as described in the following requirements.

Task A: Initial Pilot Phase

The Contractor shall deliver licensing solutions to support 4100 users of the METT-Advanced Online, and 4100 users of the Microexpression Training Course (Original) within 30 business days of award. Once procured, any / all licensing solutions shall be recorded in TSA's name. Licenses shall include any updates and/or revisions made by the vendor(s) to the COTS products for the duration of license agreements. TSA will review each product, perform operational pilot testing for TSOs, and conduct training pilots for BDOs. Results from operational and training pilots will assist TSA in determining which of the following tasks will be awarded.

Each training product shall have the ability to track pass/fail and individual scores. The Contractor shall track training effectiveness based on individual scores and other factors. In addition, the Contractor shall provide summary level pass/fail and score reporting for each pilot group to assist with ascertaining training effectiveness. The contractor shall ensure all participant completion information is entered into TSA's Online Learning Center (OLC). Options include, but are not limited to online (web access) and/or offline (CD/DVD) support during each of the pilots.

Task B: OLC Integration

The Contractor shall support IT testing with the goal to integrate the training products for use on or via TSA's Online Learning Center (OLC). Although hosting web-based training on the OLC is preferred, an interim solution for hosting on a vendor's IT system may be acceptable as long as DHS's privacy and security policies are met. In either case, participants must be able to launch the training via the OLC and all completion/grade data must reside on the OLC. The contractor shall work with training vendors and the TSA OLC team to determine the most efficient and cost effective approach for implementation. The OLC hosting requirement is not necessarily applicable during the TSO and BDO pilot stages, but is preferred.

A Project Management Plan (PMP) shall be prepared by the contractor within 10 business days following the kickoff meeting for Task B. The PMP shall outline the contractor's detailed plans for executing Task B.

Task C: OPTIONAL TSO Training Licenses.

Assuming TSO Micro-Facial operational pilots are successful for at least one training product, the next phase of this task order effort is acquiring TSO Training Licenses. The government will decide which of the two training products will be selected. The Contractor shall deliver licensing solutions

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to support 44,000 additional users. If more than one product is successful during pilot testing, the contractor shall provide licensing solutions for each successful product. All licenses shall be in TSA's name. Licenses shall include any updates and/or revisions made by the vendor(s) to the COTS products for the duration of license agreements.

Task D: OPTIONAL Curriculum Development for TSO Micro-Facial Training

TSOs will gain a better understanding of the traveling public because they will have the skill to observe and react appropriately to certain situations with individuals based on emotional awareness. In addition, TSOs will use the Micro-Facial recognition skill to determine if additional screening is appropriate for an individual.

TSA will develop policy and operational procedures for TSOs to use the Micro-Facial skill effectively. The contractor shall develop approximately one (1) hour of Interactive Multimedia Instruction (IMI) level 2 curriculum to support TSA policies and operational procedures to meet the following goals;

- Provide training to apply Micro-Facial recognition skills in TSA's operational environment
- Provide training on what to do and not do based upon observation of Micro-Facial expressions (i.e. resolution)

A Project Management Plan shall be prepared by the contractor within 10 business days following Task D kick-off meeting. The PMP will outline the contractor's detailed plans for executing the task.

Task E: OPTIONAL BDO Training Licenses / OLC Integration ...

The Contractor shall deliver licensing solutions to support 3100 users of the "Frontal, Profile, and ¾ Views (MiX2)" and "MiX2 Additional" training courses within 30 business days of award. All licenses shall be in TSA's name. Licenses shall include any updates and/or revisions made by the vendor(s) to the COTS products for the duration of license agreements.

The Contractor shall integrate the MiX2 and MiX2 Additional training courses for use on or via TSA's Online Learning Center (OLC). Although hosting web-based training on the OLC is preferred, hosting on a vendor's IT system may be acceptable as long as DHS's privacy and security policies are met. In either case, participants must be able to launch the training via the OLC and all completion/grade data must reside on the OLC. The contractor shall work with the training vendors and the TSA OLC team to determine the most efficient and cost effective approach for implementation.

A Project Management Plan (PMP) shall be prepared by the contractor within 10 business days following the kickoff meeting for Task E. The PMP shall outline the contractor's detailed plans for executing Task E.

4. Quality Assurance

The Contractor shall ensure that all Task Order performance objectives and deliverables are of the highest achievable quality; to promote continuous improvement; and ensure best practices are employed at all times.

Government Furnished Equipment, Information, and Property (GFE/GFI/GFP)

- The government will provide applicable Government Furnished Information (GFI) including user information necessary for the provision of training, recording and the reporting of performance feedback. The contractor shall provide GFI Inventory Report to the COTR in the weekly report;
- The government will provide applicable policies and operational procedures once created;

Task Order 8 September 15, 2010

 All GFE shall be tracked and reported in accordance with the requirements of the base contract (HSTS01-09-D-OSO900);

- The Contractor shall utilize Government Furnished Equipment (GFE) for all Tasks within
 the SOW. These systems shall be configured the same as fielded units operating at the TSA
 specification for U.S. airports unless otherwise agreed upon by the government;
- The Contractor may be required to purchase equipment if GFE is not available. A separate
 modification will be issued for these purchases. All contractor acquired equipment
 subsequently becomes GFE as defined by the terms of the contract;
- TSA will supply property tags in support of this effort. Property records shall be managed by the contractor and provided on a monthly basis to TSA property for bulk upload into the TSA Sunflower system in accordance with TSA Management Directive No. 200.57 "Personal Property Management";

6. IT Requirements

IT Security requirements shall be in accordance with the requirements of the base contract (HSTS01-09-D-OSO900).

The contractor shall comply with the following DHS Enterprise Architecture Compliance Clause.

DHS Enterprise Architecture Compliance

All solutions and services shall meet DHS Enterprise Architecture policies, standards, and procedures. Specifically, the contractor shall comply with the following Homeland Security Enterprise Architecture (HLS EA) requirements:

- All developed solutions and requirements shall be compliant with the HLS EA
- All IT hardware and/or software shall be compliant with the HLS EA Technical Reference Model (TRM) Standards and Products Profile
- Description information for all data assets, information exchanges and data standards, whether adopted or developed, shall be submitted to the Enterprise Data Management Office (EDMO) for review and insertion into the DHS Data Reference Model and Enterprise Architecture Information Repository
- In compliance with OMB mandates, all network hardware shall be IPv6 compatible without modification, upgrade, or replacement

7. Travel

The Contractor will be required to support Domestic Travel for this effort. Travel locations are CVG, PIT and TPA to support pilots, meetings with vendors and/or curriculum development requirements defined within this SOW. The government anticipates three (3) trips may be necessary and five (5) days in duration (1 trip / 5 days per site). Reimbursement of travel will be in accordance with the Terms and Conditions of the IDIO Contract.

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8. Deliverables and Schedules

Task A and B Deliverables

Number	Deliverable	eliverable Due Date Recipient		Government Review
1	OTT Weekly. Status Report(Electronic)	Every Monday.	COTR & Technical Monitor	1 business day
2	Project Kick-off Meeting	Within 5. Business. Days of Award	Technical Monitor, OTT Project Lead	N/A
3	Project Management Plan	Within 10 Business Days of Kick-off meeting	Technical Monitor, OTT Project Lead	10 Business Days
4	Micro-Facial Products / Licenses	Within 30 Business Days of Award	COTR & Technical Monitor	5 Business Days
5	Subsequent Tasks and Deliverables will be agreed upon during the Project Kick-off Meeting	TBD	Technical Monitor, OTT Project Lead	TBD

Task C Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
1	Micro-Facial Products / Licenses	Within 15 Business Days of Award	COTR & Technical Monitor	N/A

Task D Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
I	OTT Weekly Status Report (Electronic)	Every Monday	COTR & Technical Monitor	I business day
2	Project Kick-off Meeting	Within 5 Business Days of Award	Technical Monitor, OTT Project Lead	N/A
3	Project Management Plan	Within 10 Business Days of Kick-off meeting	Technical Monitor, OTT Project Lead	10 Business Days
4	Subsequent Tasks	TBD	Technical Monitor,	TBD.

HSTS01-09-D-OSO900	HSTS01-10-J-00P112
Task Order 8	September 15, 2010.

and Deliverables	OTT Project Lead
will be agreed	_
upon during the	
Project Kick-off	
Meeting	

Task E Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
I.	OTT Weekly Status Report (Electronic)	Every Monday	COTR & Technical Monitor	1 business day.
2.	Project Kick-off Meeting	Within 5 Business Days of Award	Technical Monitor, OTT Project Lead	N/A
3	Project Management Plan	Within 10 Business Days of Kick-off meeting	Technical Monitor, OTT Project Lead	10 Business Days
4.	Subsequent Tasks and Deliverables will be agreed upon during the Project Kick-off Meeting	TBD.	Technical Monitor, OTT, Project Lead	TBD

9. Inspection and Acceptance Criteria

Inspection and acceptance of all deliverables required under this contract will be performed by the Deliverable Recipient specified. All deliverables are due by noon on the day specified, unless otherwise noted by the Government. The Government will review the deliverable and provide the Contractor with notification stating whether the deliverable is acceptable or not within the specified timeframe.

10. Additional Information

The following is provided for licensing information;

License Holder;
Transportation Security Administration (TSA)
C/O (b)(6)
701, S., 12th Street

POC Contact Information;

(b)(6)
Software Manager
(b)(6)

Arlington, VA 20598.

Task Order 8 September 15, 2010

11. General Contact Information - Points of Contact

Marvin Grubbs, Transportation Security Administration Office of Technical Training, Training Support Division 601 South 12th Street, 2nd Floor, East Building Arlington, VA 20598 (b)(6)**FSA** Contract Specialist Transportation Security Administration Office of Technical Training, Training Support Division 601 South 12th Street, 2nd Floor, East Building Arlington, VA 20598 (b)(6)TSA Task Order COTR Transportation Security Administration TSA-29 601 South 12th Street Arlington, VA 20598 (b)(6)TSA Technical Monitor (b)(6)Transportation Security Administration Office of Technical Training, Training Support Division 601 South 12th Street, 2nd Floor, East Building Arlington, VA 20598 (b)(6)TSA Project Lead (b)(6)Transportation Security Administration TSA-29 601 South 12th Street

Arlington, VA 20598

(b)(6)

(End of Section C)

Task Order 8 September 15, 2010

SECTION D - PACKING, PACKAGING, AND MARKING

D.1 Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

SECTION E - INSPECTION AND ACCEPTANCE

E.1 Clauses of the IDIO Contract HSTS01-09-D-OSO900 shall apply to this task order.

SECTION F - DELIVERY

F.1 Delivery Requirements

All materials ordered under this task order shall be shipped "F.O.B. Destination".

F.2 Period of Performance

CLIN	PERIOD OF PERFORMANCE
0001	September 15, 2010 – December 14, 2010.
0001A	EDOE – 3 months.
0001B	December 15, 2010 – March 14, 2011
0002	September 15, 2010 – December 14, 2010.
0002A	EDOE – 3 months
0002B.	December 15, 2010 – March 14, 2011.
0003-0006	September 15, 2010 – December 14, 2010.
0007-0009	EDOE – 3. Months.
0010-0011.	December 15, 2010 – March 14, 2011

The period of performance for this task order can go no later than June 14, 2011.

F.3 Delivery Schedules/ Deliverables/ Delivery Information

See Section C for list of deliverables and deliverable schedule.

SECTION G - CONTRACT ADMINISTRATION DATA

G.1 Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

G.2 SUBMISSION OF INVOICES - Commercial

- (a) Background: The Transportation Security Administration (TSA) partners with the United States Coast Guard Finance Center for financial services in support of TSA operations, including the payment of contractor invoices. Therefore, all contractor invoices must be submitted to, and will be paid by, the U.S. Coast Guard Finance Center (FinCen).
- (b) Invoice Submission Method: Invoices may be submitted via facsimile, U.S. Mail, or email. Contractors shall utilize ONLY ONE method per invoice submission. The submission information for each of the methods is as follows in order of preference:
 - 1). Facsimile number is: 757-413-7314
- The facsimile number listed above shall be used by contractors for ORIGINAL invoice submission only. If facsimile submission is utilized, contractors shall not submit hard copies of invoices via the U.S. mail. It is the responsibility of the contractor to verify that

September 15, 2010

invoices are received, regardless of the method of submission used. Contractors may inquire regarding the receipt of invoices by contacting the U.S. Coast Guard Finance Center via the methods listed in subparagraph (e) of this clause.

2) U.S. Mail:

United States Coast Guard Finance Center TSA Commercial Invoices. P.O. Box 4111. Chesapeake, VA 23327-4111

3) Email Invoices:

FIN-SMB-TSAInvoices@useg.mil or www.fincen.useg.mil

- (c) Invoice Process: Upon receipt of contractor invoices, FinCen will electronically route invoices to the appropriate TSA Contracting Officer's Technical Representative and/or Contracting Officer for review and approval. Upon approval, the TSA will electronically route the invoices back to FinCen. Upon receipt of certified invoices from a Authorized Certifying Official, FinCen will initiate payment of the invoices.
- (d) Payment Status: Contractors may inquire on the payment status of an invoice by any of the following means:
 - (1) Via the internet: https://www.fincen.uscg.mil

Contacting the FinCen Customer Service Section via telephone at 1-800-564-5504 or (757) 523-6940 (Voice Option #1). The hours of operation for the Customer Service line are 8:00 AM to 5:00 PM Eastern Time, Monday through Friday. However, the Customer Service line has a voice-mail feature that is available 24 hours per day, 7 days per week.

- (2) Via the Payment Inquiry Form: https://www.fincen.useg.mil/secure/payment.htm
- (e) Invoice Elements: Invoices will automatically be rejected if the information required in subparagraph (a)(2) of the Prompt Payment Clause, contained in this Section of the Contract, including EFT banking information, Taxpayer Identification Number (TIN), and DUNS number are not included in the invoice. All invoices must be clearly correlate invoiced amounts to the corresponding contract line item number and funding citation.
- (f) Supplemental Invoice Documentation: Contractors shall submit all supplemental invoice documentation (e.g. copies of certified time sheets (as applicable), subcontractor invoices, receipts, signed receiving reports, travel vouchers, etc) necessary to approve an invoice along with the original invoice. The Contractor invoice shall contain the information stated in the Prompt Payment Clause in order to be received and processed by FinCen. Invoice charges shall be billed per appropriate Contract Line item Number (CLIN), period of performance and obligated funding. Unless otherwise authorized by fiscal law, funding from one CLIN may not be utilized to offset charges on another CLIN, specifically if it is different accounting and appropriation data. Supplemental invoice documentation required for review and approval of invoices may, at the written

 Task Order 8
 September 15, 2010.

direction of the Contracting Officer, be submitted directly to either the Contracting Officer, or the Contracting Officer's Technical Representative.

(g). Frequency of invoice submission: Monthly

G.3 Supplemental Invoice Documentation

In accordance with Section G.4 of the IDIQ contract, Contractor shall provide with the invoice submitted to FINCEN, backup documentation that includes finalized quotes/proposals for ODCs used in performance of this Task Order.

SECTION I - CONTRACT CLAUSES, TERMS, AND CONDITIONS

I.1 Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

(End of Section I)

SECTION J - CONTRACT DOCUMENTS, EXHIBITS, OR ATTACHMENTS

J.1 Contract Documents

ATTACHMENT NO.	TITLE/ DESCRIPTION	DATE
A.	Description of Products	N/A
В	Conditions and Assumptions	09/15/2010

(End of Section J).

Appendix A

TSA Training Requirements:

Requirements

- Product(s) will provide Micro Facial recognition training based on scientifically validated research to detect facial expressions of emotion.
- The training shall be available in small, discrete sessions which can be reviewed in approximately 20-60 minutes intervals
- The training module shall track the effectiveness of the training and the training's impact by recording scores of individual achievement levels
 - Pre- and Post-tests are desired
- The training shall have the ability to be delivered via the in web for up to 50,000 users
- The training shall be automatically updated as changes are implemented

Description of Commercial Off The Shelf (COTS) Products:

Product 1; Paul Ekman Group.

- http://face.paulekman.com/products.aspx
- Paul Ekman group has a series of online training tools for micro-facial expressions based on 40 years of research into emotions and deception
- Training Tools
 - METT-Advanced Online
 - This training is meant for those whose work requires them to evaluate truthfulness and detect deception such as police and security personnel, and those in sales, education, and medical professions
 - METT Advanced will improve your accuracy, as it has more practice and training items-and a review section for additional training than the original version, It will take about one hour

Product 2; Humintell

- http://www.humintell.com/
- MiX microexpression and subtle training series have been scientifically proven and teaches how
 to recognize facial expressions of emotion that happen when someone tries to conceal or repress
 their emotion.
- Unique Features
 - Users or admin can set the target expressions to be presented at any speed between 1 to 5000 msec, allowing for training of micro OR macro expressions.
 - Response alternatives can be altered to include any emotion words.
 - All courses include faces of males and females from multiple ethnicities and ages.
 - Courses can be customized to include only faces of a specific ethnicity.

Training Tools

Microexpression Training Course (Original) (Task A).

- MiX training offers users a more comprehensive learning tool to detect microexpressions. Complete with expressions of males and females from six different ethnic groups, MiX can improve your ability to recognize hidden signs of emotions in less than one hour of training
- The MiX training tool consists of a baseline test, 16 instructional videos, 4
 practice arrays and a post test

■ Frontal, Profile, and ¾ Views Training Course (MiX2) (Task E)

- Real human interactions involve moving heads and bodies, and experts need to be able to detect micro-expressions from multiple angles. This course provides users with the most advanced training on micro-expression recognition, presenting frontal, ¾, and profile views of 84 individuals who contribute two expressions each
- The MiX 2 training tool consists of a baseline test, 8 instructional videos, a practice test with 42 images, a review section and a post test. All of the tests contain images from all angles

MiX2 Additional (Task E)

MiX 2 TM-Additional Training Tool allows users to practice with images from
exclusively the profile view. The training tool contains 84 color images of
people representing various ethnicities, ages and genders. You will not receive a
certification with this training and there are no instructional videos. It is meant
exclusively for additional practice.

Conditions and Assumptions for HSTS01-10-J-OOP112 (TO8) - Micro-Facial Training

The prices in this Task Order are based on the following conditions and assumptions that have been accepted by the Government.

Task A

- 1. LM assumes functional internet connectivity will be available at all pilot locations for all scheduled participants.
- 2. LM assumes that the TSA Program Office will handle all field communications directly with operational tryout/pilot participants.

Task D

- 1. 1.5.2.1 LM assumes the developed IMI will be no more than one (1) hour in length, and SCORM conformant.
- 2. LM assumes receipt, as GFI, all applicable TSA policies and operational procedures at the Task D kick-off meeting.
- 3. LM assumes that all TSA comments will be received within 5 business days of delivery for each development product. LM assumes no more than two (2) review cycles for each development product.

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE	P/	AGE OF PAGES	
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ITEM NO.	SUPPLIES/SERVICES	QUANTITY	ı	UNIT PRIÇE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Payment:				
	US Coast Guard Financial Center				
	TSA Commercial Invoices				
	P.O. Box 4111				
	Chesapeake VA 23327-4111				
	Accounting Info:				
	5AV090AC00D2010SWE02CTR100125005900590OTT-59070005				
	03000000-2521-TSA DIRECT-DEF. TASK-D				
	FCB: Destination				
	Period of Performance: 09/15/2010 to 06/14/2011				
	Change Item 00002 to read as follows(amount shown				
	is the obligated amount):				
	Is the obligated amount):				
0002	ODC Reimbursable - NTF Travel and ODCs	1	JΒ	10,553.63	0.0
	Change Item 00003 to read as follows(amount shown				
	is the obligated amount):				
0003	FFP - Task A - Initial Pilot Phase labor	1	JΒ	(b)(4)	0.0
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P00002	See Block 160	211120100P033	
6. ISSUED BY CODE	20	7. ADMINISTERED BY (if other than item 6)	CODE 01
OFFICE OF ACQUISITION		Human Capital & Finance	
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ARLINGTON VA 20598		ARLINGTON VA 20598	
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CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTS01-09-D-0SC900/HSTS01-10-J-00P112/P00002

PAGE OF

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	has been added into this task order.				
	3. Incorporate additional assumptions into Attachment B due to the new requirements for Task F.				
	4. Update Section 3.1.				
	Please see following pages for modification details.				
	Overall, funding in the amount of \$128,625.77 is being added to this task order therefore funding for this task order is increased from \$1,084,667.08 by \$128,625.77 to \$1,213,292.85. All other terms and conditions remain the same.				
	Attachment C - Revised Statement of Work, 02/16/2011.				
	Discount Terms:				
	Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 41:1 Chesapeake VA 23327-41:1 Accounting Info: 5AV:12A000D20:1SWE020GE000025005900590BD0-590700:4 02000000-252R-TSA DIRECT-DEF. TASK-D FOB: Destination Period of Performance: 09/15/2010 to 08/15/20:1				
	Add Item 00001C as follows:				
00001C	CLIN 0001C - FFP - Project Management for Task F within the revised SOW, dated 02/16/11. POP - March 15, 2011 - August 15, 2011	1	СВ		(b)(4)
	Add Item 00002D as follows:				
00002D	CLIN 0002D - ODC Reimbursable - NTE Travel for Task F POP - March 15, 2011 - August 15, 2011	1	JΒ	9,352.12	9,352.12
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY			AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Add 1tem 00002C as follows:				
000000	OLIN 00000 ODG Palainnachla MEE ODG fan Zaain	1		050 70	272 70
00002C	CLIN 0002C - ODC Reimbursable - NTE ODCs for Task		JΒ	272.79	272.79
	POP - March 15, 2011 - August 15, 2011				
	Add Ttem 00012 as follows:				
00012	CLIN 0012 - FFP - Labor for Task F within revised	. 1	JΒ		(b)(4)
	SOW, dated 02/16/2011. POP March 15, 2011 - August 15, 2011				

03/10/2011 Modification P00002

The purpose of this modification is to:

1. Incorporate new work into this Task Order's Statement of Work. Therefore, Section C of the Task Order is hereby removed and replaced with Attachment C – Revised Statement of Work, 02/16/2011, which includes new requirements described in Task F.

- 2. Incorporate and fund the following CLINs into Section B to reflect the new work that has been added into this task order:
 - CLIN 0001c Firm-fixed price to <u>perform Project Management for Task F</u> as defined in the revised SOW in the amount of (b)(4)
 - CLIN 0002c Not-to-Exceed ceiling amount for anticipated ODCs for Task F work as defined in the revised SOW in the amount of \$272.79.
 - CLIN 0002d Not-to-Exceed ceiling amount for anticipated travel for Task F work as defined in the revised SOW in the amount of \$9,352.12.
 - CLIN 00012 Firm-fixed price to perform Task F as defined in the revised SOW in the amount of (b)(4)
- 3. Incorporate the following assumptions into Attachment B Conditions and Assumptions for HSTS01-10-J-OOP112 (TO8) Micro-Facial Training:

Task F

- 1. LM assumes functional internet connectivity will be available at all pilot locations for all scheduled participants.
- 2. LM assumes that the TSA Program Office will handle all field communications directly with operational tryout/pilot participants.
- 4. Update Section B.1 as follows:

B.1 Contract Line Items, Descriptions

Effective Date of Award (EDOA) = September 15, 2010

ITEM	SUPPLIES/SERVICES	QUANTIT	UNI	UNIT	AMOUNT
NO		Y	T	PRICE	
0001**	FFP – Project Management for Phase I	1	Job	(b)(4)	
	POP - September 15, 2010 - December				
	14, 2010				
0001A*	OPTIONAL - FFP – Project	1	Job	(b)(4)	
*	Management for Phase II				
	POP - Effective Date of Exercise				
	(EDOE) – 3 months				
0001B	FFP – Project Management for Phase III	1	Job	(b)	(4)
(include	POP – December 15, 2010 – March 14,				
s CLIN	2011				

03/10/2011 Modification P00002

1B1)**					
0001C	FFP - Project Management for Task F within the revised SOW, dated 02/16/11.	1	Job	(b)((4)
	POP - March 15, 2011 - August 15, 2011				
0002**	ODC Reimbursable - NTE Travel and	1	Lot	NTE	NTE
	ODCs			\$10,553.63	\$10,553.63
	POP - September 15, 2010 – December				, -,
	14, 2010				
0002A*	OPTIONAL - ODC Reimbursable - NTE	1	Lot	NTE	NTE
*	Travel and ODCs for Phase II			\$48,560.37	\$48,560.37
	POP - Effective Date of Exercise				
	(EDOE) – 3 months				
0002B*	ODC Reimbursable - NTE Travel and	1	Lot	NTE \$340.44	NTE \$340.44
祁	ODCs for Phase III				
	POP – December 15, 2010 – March 14,				
	2011				
0002C	ODC Reimbursable - NTE ODCs for	1	Lot	NTE \$272.79	NTE \$272.79
	Task F				
	POP - March 15, 2011 - August 15, 2011				
0002D	ODC Reimbursable - NTE Travel for	1	Lot	NTE	NTE
	Task F			\$9,352.12	\$9,352.12
	POP - March 15, 2011 - August 15, 2011				
Phase 1 -	Period of Performance - September 15, 20	110 – Decembe	er 14, 20	10	
0003	FFP - Task A – Initial Pilot Phase labor	1	Job	(b)(4)
0004	FFP – Licenses for Task A – Initial Pilot	1	Lot	(b)	(4)
	Phase - licensing solution to support				
	4,100 users of the METT-Advanced				
	Online training solution (licenses shall				
	be valid for no less than a one year				
	period and licenses shall be in TSA's				
	name.)				
	INDIVIDUAL USER LICENSES,				
	EIGHTEEN MONTH LICENSE TERM				<u> </u>
0005	FFP – Licenses for Task A – Initial Pilot	1	Lot	(b)(d	4)
(include	Phase - licensing solution to support		'		
s CLINs	4,100 users of the Microexpression				
0005A,	Training Course (Original) training				
0005A1)	solution (licenses shall be valid for no				
	less than a one year period and licenses				
	shall be in TSA's name.) INDIVIDUAL				
	USER LICENSES, UNLIMITED				
0007	ACCESS	1	T - 4	(L)	<u> </u>
0006	T&M – Task B - OLC Integration labor	1	Lot	(b)(d	+)

03/10/2011 Modification P00002

	*			
Phase II -	- Period of Performance - EDOE - 3 mon	ths		
Phase II - 0007	OPTIONAL – FFP – Year 1 - Licenses for Task C – TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) ENTERPRISE LICENSE, ONE YEAR ACCESS OPTIONAL – FFP – Year 1 - Licenses	1 1	Lot	(b)(4)
	for Task C – TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) ENTERPRISE LICENSE, TWO YEAR ACCESS			
0007В	OPTIONAL – FFP – Year 1 - Licenses for Task C – TSO Training Licenses - licensing solution to support 44,000 users of the METT-Advanced Online training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, TWO YEAR LICENSE TERMS	1	Lot	(b)(4)
0008	OPTIONAL - FFP – Year 1 - Licenses for Task A – licensing solution to support 44,000 users of the Microexpression Training Course (Original) training solution (licenses shall be valid for no less than a one year period and licenses shall be in TSA's name.) INDIVIDUAL USER LICENSES, UNLIMITED ACCESS	1	Lot	(b)(4)
0009	OPTIONAL – T&M - Task D – Curriculum Development for TSA Micro-Facial Training*	1	Lot	(b)(4)
Phase III	- Period of Performance - December 15,	2010 – Ma	rch 14, 2011	
0010	T&M – Task E - BDO Training	1	Lot	

	Licenses/ OLC Integration*			
0011	FFP – Year 1 - Licenses for Task E –	1	Lot	(b)(4)
	BDO Training Licenses - licensing			
	solution to support 3,100 users of the			
	MiX2 and MiX2 Additional training			
	solution (licenses shall be valid for no			
	less than a one year period and licenses			
	shall be in TSA's name.) INDIVIDUAL			
	USER LICENSES, UNLIMITED			
	ACCESS			
0012	FFP - Labor for Task F within revised	1	Job	(b)(4)
	SOW, dated 02/16/2011.			
	POP - March 15, 2011 - August 15, 2011			

^{*}Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

^{**}Contractor shall bill CLINs 0001, 0001A, 0001b, 0002, 0002A, and 0002B at the sub-CLIN level (as separate CLINs with separate periods of performance).

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SECTION C – STATEMENT OF WORK

1. Background

The Transportation Security Administration's (TSA's) Screening of Passengers by Observation Techniques (SPOT) program is a behavior observation and analysis program in which personnel are trained to identify anomalous behaviors that deviate from an established environmental baseline. SPOT is a program designed for passive observation by TSA personnel, known as Behavior Detection Officers (BDOs), who typically observe in front of the security checkpoint, to identify potentially high-risk passengers exhibiting anomalous behaviors that deviate from an established environmental baseline, to include behavior cues associated with the fear of discovery.

Each of the behaviors the BDOs are trained to observe is garnered from both the scientific and law enforcement community. Beginning in fiscal year (FY) 2009, TSA introduced the Additional Behavior Detection Training course (ABDT) as an additional training tool for BDOs. ABDT is a two day class emphasizing non-verbal behavioral detection. This class teaches BDOs how to recognize possible red flags in terms of deception that may manifest itself in micro-expressions and other non-verbal gross motor behavior movements. The main focus is with micro-expression detection during the Casual Conversation portion of the SPOT process. The training also helps direct questions asked of the passenger in order to resolve the situation. The expressions emphasized in the course are universal, meaning that it is culturally independent.

Ideally, the behavior detection capability should be implemented for all TSA staff and especially Transportation Security Officers (TSO), but cognitive demands of the skill severely limit its applications when personnel have other assigned duties they must concentrate on (e.g. physical screening or threat image recognition). As a result, TSA is seeking training for Micro-Facial recognition for TSOs, a smaller subset of the overall behavior detection capability, which is less cognitively demanding than the entire behavior detection capability that is performed by BDOs. With adequate training, Micro-Facial recognition can be implemented while other screening duties are being performed by TSOs or when other cognitive demands are eased. TSA is also looking to procure additional Micro-Facial training for Behavior Detection Officers to complement initial Micro-Facial training and support recurrent Micro-Facial training requirements.

2. Objective

This initiative will provide BDOs and TSOs with continual on-line training in Micro-Facial expression. The objective of the training is to provide BDOs and TSOs with an additional detection tool that can help identify information indicating a potential security threat through recognition of deceptive behaviors. This information would allow TSOs to target their screening efforts more precisely through more directed searches or by requesting the assistance of a BDO to further understand the anomalous behaviors. Because behavior detection focuses on people rather than threat objects which can and have changed to exploit vulnerabilities in our screening system—the capability will better enable the TSA screening workforce to identify existing and novel security threats introduced by a dynamic, adaptive adversary.

The Micro-Facial training for TSOs is in no way intended to replace or diminish the roll of Behavior Detection Officers. Because of the cognitive demands, TSOs cannot implement the full range of the behavior detection, as in the Screening Passengers by Observation Technique (SPOT) process while performing other screening duties. BDOs, unencumbered by these other screening duties, will continue to have a crucial role in detecting mal-intent by being able to employ the full range of behavior detection tools across a wider scope of security operations.

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3. Scope of Work

TSA requires scientifically validated, web-based Micro-Facial recognition training that can be completed in approximately 20-60 minute sessions. Through market research TSA has identified two Commercial- Off-The-Shelf (COTS) products that meet TSA's requirements, will minimize development efforts and significantly reduce Operations and Maintenance (O&M) costs. The two Micro-Facial training products complement one another for training purposes, as one product primarily focuses on frontal facial views, whereas the second product adds profiles views to the frontal views. An additional benefit of using both products is a greater number of images for TSOs/BDOs to view. Although TSA's market research revealed only two vendors which produce Micro Facial training meeting TSA requirements, the contractor is encouraged to offer other potential training solutions if such solutions are discovered. A detailed description of the two suggested products, sub-products and TSA's training requirements are provided in Appendix A.

TSA requires a multi-phased procurement of the Micro-Facial recognition training as described in the following requirements.

Task A: Initial Pilot Phase

The Contractor shall deliver licensing solutions to support 4100 users of the METT-Advanced Online, and 4100 users of the Microexpression Training Course (Original) within 30 business days of award. Once procured, any / all licensing solutions shall be recorded in TSA's name. Licenses shall include any updates and/or revisions made by the vendor(s) to the COTS products for the duration of license agreements. TSA will review each product, perform operational pilot testing for TSOs, and conduct training pilots for BDOs. Results from operational and training pilots will assist TSA in determining which of the following tasks will be awarded.

Each training product shall have the ability to track pass/fail and individual scores. The Contractor shall track training effectiveness based on individual scores and other factors. In addition, the Contractor shall provide summary level pass/fail and score reporting for each pilot group to assist with ascertaining training effectiveness. The contractor shall ensure all participant completion information is entered into TSA's Online Learning Center (OLC). Options include, but are not limited to online (web access) and/or offline (CD/DVD) support during each of the pilots.

Task B: OLC Integration

The Contractor shall support IT testing with the goal to integrate the training products for use on or via TSA's Online Learning Center (OLC). Although hosting web-based training on the OLC is preferred, an interim solution for hosting on a vendor's IT system may be acceptable as long as DHS's privacy and security policies are met. In either case, participants must be able to launch the training via the OLC and all completion/grade data must reside on the OLC. The contractor shall work with training vendors and the TSA OLC team to determine the most efficient and cost effective approach for implementation. The OLC hosting requirement is not necessarily applicable during the TSO and BDO pilot stages, but is preferred.

A Project Management Plan (PMP) shall be prepared by the contractor within 10 business days following the kickoff meeting for Task B. The PMP shall outline the contractor's detailed plans for executing Task B.

Task C: OPTIONAL TSO Training Licenses

Assuming TSO Micro-Facial operational pilots are successful for at least one training product, the next phase of this task order effort is acquiring TSO Training Licenses. The government will decide which of the two training products will be selected. The Contractor shall deliver licensing solutions to support 44,000 additional users. If more than one product is successful during pilot testing, the

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contractor shall provide licensing solutions for each successful product. All licenses shall be in TSA's name. Licenses shall include any updates and/or revisions made by the vendor(s) to the COTS products for the duration of license agreements.

Task D: OPTIONAL Curriculum Development for TSO Micro-Facial Training

TSOs will gain a better understanding of the traveling public because they will have the skill to observe and react appropriately to certain situations with individuals based on emotional awareness. In addition, TSOs will use the Micro-Facial recognition skill to determine if additional screening is appropriate for an individual.

TSA will develop policy and operational procedures for TSOs to use the Micro-Facial skill effectively. The contractor shall develop approximately one (1) hour of Interactive Multimedia Instruction (IMI) level 2 curriculum to support TSA policies and operational procedures to meet the following goals;

- Provide training to apply Micro-Facial recognition skills in TSA's operational environment
- Provide training on what to do and not do based upon observation of Micro-Facial expressions (i.e. resolution)

A Project Management Plan shall be prepared by the contractor within 10 business days following Task D kick-off meeting. The PMP will outline the contractor's detailed plans for executing the task.

Task E: OPTIONAL BDO Training Licenses / OLC Integration

The Contractor shall deliver licensing solutions to support 3100 users of the "Frontal, Profile, and ¾ Views (MiX2)" and "MiX2 Additional" training courses within 30 business days of award. All licenses shall be in TSA's name. Licenses shall include any updates and/or revisions made by the vendor(s) to the COTS products for the duration of license agreements.

The Contractor shall integrate the MiX2 and MiX2 Additional training courses for use on or via TSA's Online Learning Center (OLC). Although hosting web-based training on the OLC is preferred, hosting on a vendor's IT system may be acceptable as long as DHS's privacy and security policies are met. In either case, participants must be able to launch the training via the OLC and all completion/grade data must reside on the OLC. The contractor shall work with the training vendors and the TSA OLC team to determine the most efficient and cost effective approach for implementation.

A Project Management Plan (PMP) shall be prepared by the contractor within 10 business days following the kickoff meeting for Task E. The PMP shall outline the contractor's detailed plans for executing Task E.

Task F: Extended Pilot Phase (March 15, 2011 – Aug 15, 2011)

The Contractor shall track training effectiveness based on individual scores and other factors as provided by the vendor data. In addition, the Contractor shall provide summary level pass/fail and score reporting for each pilot group to assist with ascertaining training effectiveness. Training effectiveness tracking is required for all four training products; METT-Advanced, MiX, MiX2, and MiX2 Additional.

The contractor shall ensure all participant completion information is entered into TSA's Online Learning Center (OLC) and also continue managing license assignments for trainees.

4. Quality Assurance

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The Contractor shall ensure that all Task Order performance objectives and deliverables are of the highest achievable quality; to promote continuous improvement; and ensure best practices are employed at all times.

5. Government Furnished Equipment, Information, and Property (GFE/GFI/GFP)

- The government will provide applicable Government Furnished Information (GFI) including
 user information necessary for the provision of training, recording and the reporting of
 performance feedback. The contractor shall provide GFI Inventory Report to the COTR in
 the weekly report;
- The government will provide applicable policies and operational procedures once created;
- All GFE shall be tracked and reported in accordance with the requirements of the base contract (HSTS01-09-D-OSO900);
- The Contractor shall utilize Government Furnished Equipment (GFE) for all Tasks within the SOW. These systems shall be configured the same as fielded units operating at the TSA specification for U.S. airports unless otherwise agreed upon by the government;
- The Contractor may be required to purchase equipment if GFE is not available. A separate
 modification will be issued for these purchases. All contractor acquired equipment
 subsequently becomes GFE as defined by the terms of the contract;
- TSA will supply property tags in support of this effort. Property records shall be managed by the contractor and provided on a monthly basis to TSA property for bulk upload into the TSA Sunflower system in accordance with TSA Management Directive No 200.57 "Personal Property Management";

6. IT Requirements

IT Security requirements shall be in accordance with the requirements of the base contract (HSTS01-09-D-OSO900).

The contractor shall comply with the following DHS Enterprise Architecture Compliance Clause.

DHS Enterprise Architecture Compliance

All solutions and services shall meet DHS Enterprise Architecture policies, standards, and procedures. Specifically, the contractor shall comply with the following Homeland Security Enterprise Architecture (HLS EA) requirements:

- All developed solutions and requirements shall be compliant with the HLS EA
- All IT hardware and/or software shall be compliant with the HLS EA Technical Reference Model (TRM) Standards and Products Profile
- Description information for all data assets, information exchanges and data standards, whether adopted or developed, shall be submitted to the Enterprise Data Management Office (EDMO) for review and insertion into the DHS Data Reference Model and Enterprise Architecture Information Repository
- In compliance with OMB mandates, all network hardware shall be IPv6 compatible without modification, upgrade, or replacement

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7. Travel (Revised)

The Contractor will be required to support Domestic Travel for this effortto support pilots, meetings with vendors and/or curriculum development requirements defined within this SOW. The government anticipates three (2) trips per month may be necessary and five (5) days in duration (1 trip / 5 days per site). Reimbursement of travel will be in accordance with the Terms and Conditions of the IDIQ Contract. Specific locations are unknown; however, all locations are in CONUS.

8. Deliverables and Schedules

Task A and B Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
1	OTT Weekly Status Report(Electronic)	Every Monday	COTR & Technical Monitor	1 business day
2	Project Kick-off Meeting	Within 5 Business Days of Award	Technical Monitor, OTT Project Lead	N/A
3	Project Management Plan	Within 10 Business Days of Kick-off meeting	Technical Monitor, OTT Project Lead	10 Business Days
4	Micro-Facial Products / Licenses	Within 30 Business Days of Award	COTR & Technical Monitor	5 Business Days
5	Subsequent Tasks and Deliverables will be agreed upon during the Project Kick-off Meeting	TBD	Technical Monitor, OTT Project Lead	TBD

Task C Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
1	Micro-Facial Products / Licenses	Within 15 Business Days of Award	COTR & Technical Monitor	N/A

Task D Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
1	OTT Weekly Status Report (Electronic)	Every Monday	COTR & Technical Monitor	1 business day
2	Project Kick-off Meeting	Within 5 Business Days of Award	Technical Monitor, OTT Project Lead	N/A
3	Project Management Plan	Within 10 Business Days of Kick-off meeting	Technical Monitor, OTT Project Lead	10 Business Days
4	Subsequent Tasks and Deliverables will be agreed upon during the Project Kick-off Meeting	TBD	Technical Monitor, OTT Project Lead	TBD

Task E Deliverables

Number	Deliverable	Due Date	Recipient	Government Review
1	OTT Weekly Status Report (Electronic)	Every Monday	COTR & Technical Monitor	1 business day
2	Project Kick-off Meeting	Within 5 Business Days of Award	Technical Monitor, OTT Project Lead	N/A
3	Project Management Plan	Within 10 Business Days of Kick-off meeting	Technical Monitor, OTT Project Lead	10 Business Days
4	Subsequent Tasks and Deliverables will be agreed upon during the Project Kick-off Meeting	TBD	Technical Monitor, OTT Project Lead	TBD

Task F Deliverables

Number Deliverable		Due Date	Recipient	Government. Review.
I	OTT Weekly Status Report(Electronic)	Every Monday	COTR & Technical Monitor	I business day

February 16, 2011

9. Inspection and Acceptance Criteria

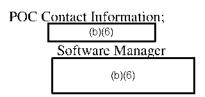
Inspection and acceptance of all deliverables required under this contract will be performed by the Deliverable Recipient specified. All deliverables are due by noon on the day specified, unless otherwise noted by the Government. The Government will review the deliverable and provide the Contractor with notification stating whether the deliverable is acceptable or not within the specified timeframe.

10. Additional Information

The following is provided for licensing information;

License Holder;

Transportation Security Administration (TSA)
C/C (b)(6)
701.S. 12th Street
Arlington, VA 20598



11. General Contact Information - Points of Contact

Marvin Grubbs, Transportation Security Administration Office of Technical Training, Training Support Division 601 South 12th Street, 2nd Floor, East Building

Arlington, VA 20598
(b)(6)

(b)(6) TSA Contract Specialist
Transportation Security Administration
Office of Technical Training, Training Support Division
601 South 12th Street, 2nd Floor, East Building

Arlington, VA 20598 (b)(6)

(b)(6) TSA Task Order COTR Transportation Security Administration TSA-29

601 South 12th Street

Arlington, VA 20598 (b)(6)

......HSTS01-10-J-OOP112 HSTS01-09-D-OSO900, Attachment, C.-, Revised Statement, of, Work, ______February, 16, 2011. TSA Technical Monitor Transportation Security Administration Office of Technical Training, Training Support Division 601 South 12th Street, 2nd Floor, East Building Arlington, VA 20598 (b)(6) TSA Project Lead (b)(6)Transportation Security Administration TSA-29 601 South 12th Street Arlington, VA 20598 (b)(6)

(End of Section C)

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2.AMENDME	ENT/MCDIFICATION NO.	3. EFFECTIVE DATE	4. REQ	JISJTION/PURCHASE REQ. NO.	5. PRO	1 JECF NO	(If applicable)
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Previous edition unusable

Prescribed by GSA FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTS01-09-D-OSC900/HSTS01-10-J-OOP112/P00003

PAGE 2. OF 7

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	TINU	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	amount (including options) is decreased from		\Box		
	\$7,524,532.42 by \$162,145.62 to \$7,362,386.80.				
	Discount Terms:				
	Net 30 Payment:				
	US Coast Guard Financial Center				
	TSA Commercial Invoices				
	P.O. Box 4111				
	Chesapeake VA 23327-4111				
	FOB: Destination				
	Period of Performance: 09/15/2010 to 08/15/2011				
	Change Item 00002 to read as follows(amount shown is the total amount):				
00002	ODC Reimbursable - NTE Travel and ODCs	1	JΒ	3,614.00	3,614.00
	Accounting Info:				
	5AV090A000D2010SWE02CTR1001250059005900TT-59070005				
	03000000-2521-TSA DIRECT-DEF. TASK-D				
	Funded: -\$6,939.63				
	Change Item 00002B to read as follows(amount				
	shown is the total amount):				
000023	ODC Reimbursable - NTE Travel and ODCs for Phase	1	JΒ	0.00	0.00
	TIT				
	POP- December 15, 2010 - March 14, 2011				
	Accounting Info:				
	5AV101A000D2010SWE02CTR1004250059005900TT-59070005				
	03000000-2521-TSA DIRECT-DEF. TASK-D				
	Funded: -\$340.44				
	Change Item 00002C to read as follows(amount shown is the total amount):				
	Shown is the local amount):				
00002C	CLIN 0002C - ODC Reimbursable - NTE ODCs for Task	1	JΒ	0.00	0.00
	F				
	POP - March 15, 2011 - August 15, 2011				
	Accounting Info:				
	5AV112A000D2011SWE020GE000025005900590BD0-59070014				
	02000000-252R-TSA DIRECT-DEF. TASK-D				
	Funded: -\$272.79				
	Change Item 00002D to read as follows(amount				
	Continued				
	•		<u> </u>		

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED BSTS01-09-D-OSC900/BSTS01-10-J-OOP112/P00003
 PAGE OF TOTAL AND TOTAL

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	shown is the total amount):				
00002D	CLIN 0002D - ODC Reimbursable - NTE Travel for Task F POP - March 15, 2011 - August 15, 2011 Accounting Info: 5AV112A000D2011SWE020GE000025005900590BD0-59070014 02000000-252R-TSA DIRECT-DEF. TASK-D		JΒ	0.00	0.30
	Funded: -\$9,352.12 Change Item 00006 to read as follows(amount shown is the total amount):				
00006	T&M - Task B - OLC Integration labor	1	JΒ		(b)(4)
	Accounting Info: 5AV090A000D2010SWE020TR1001250059005900TT-59070005 03000000-2521-TSA DIRECT-DEF. TASK-D Funded (b)(4) Change Item 90010 to read as follows(amount shown is the total amount):				
00010	T&M - Task E - BDC Training Licenses/ OLC integration	1	JΒ		(b)(4)
	Addounting Info: 5AV101A000D2010SWE020TR1004250059005900TT-59070005 03000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)				

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The purpose of this modification is to deobligate unexpended funding due to the completion of this task order. Following are the deobligation actions executed per this modification:

- 1. Deobligate unexpended funding in the amount of \$6,939.63 from CLIN 0002. Funding for CLIN 0002 is decreased from \$10,553.63 by \$6,939.63 to \$3,614.00.
- 2. Deobligate all funding in the amount of \$340.44 from CLIN 0002B. Funding for CLIN 0002B is decreased from \$340.44 by \$340.44 to \$0.00.
- 3. Deobligate all funding in the amount of \$272.79 from CLIN 0002C. Funding for CLIN 0002C is decreased from \$272.79 by \$272.79 to \$0.00.
- 4. Deobligate all funding in the amount of \$9,352.12 from CLIN 0002D. Funding for CLIN 0002D is decreased from \$9,352.12 by \$9,352.12 to \$0.00.
- 5. Deobligate unexpended funding in the amount of (b)(4) from CLIN 0006. Funding for CLIN 0006 is decreased from (b)(4) by (b)(4) o (b)(4) from CLIN 0010. Funding for CLIN 0010 is decreased from (b)(4) by (b)(4) o (b)(4) from CLIN 0010. Funding for CLIN 0010 is decreased from (b)(4) by (b)(4) o (b)(4)
- 7. Update Section B.1 as follows:

B.1 Contract Line Items, Descriptions

Effective Date of Award (EDOA) = September 15, 2010

ITEM	SUPPLIES/SERVICES	QUANTIT	UNI	UNIT	AMOUNT
NO		Y	T	PRICE	
0001**	FFP – Project Management for Phase I	1	Job	(b)(4)
	POP - September 15, 2010 - December				
	14, 2010				
0001A*	OPTIONAL - FFP - Project	1	Job		(b)(4)
*	Management for Phase II				
	POP - Effective Date of Exercise				
	(EDOE) – 3 months				
0001B	FFP – Project Management for Phase III	1	Job	(b)(4)	
(include	POP – December 15, 2010 – March 14,				
s CLIN	2011				
1B1)**					
0001C	FFP - Project Management for Task F	1	Job	(b)(4)	
	within the revised SOW, dated 02/16/11.				
	POP - March 15, 2011 - August 15, 2011				
0002**	ODC Reimbursable - NTE Travel and	1	Lot	NTE	NTE
	ODCs			\$3,614.00	\$3,614.00
	POP - September 15, 2010 – December				
	14, 2010				

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0002A*	OPTIONAL - ODC Reimbursable - NTE	1	Lot	NTE	NTE
*	Travel and ODCs for Phase II	1	Lot	\$48,560.37	\$48,560.37
	POP - Effective Date of Exercise			\$40,500.57	\$40,500.57
	(EDOE) – 3 months				
0002B*	ODC Reimbursable - NTE Travel and	1	Lot	NTE \$0.00	NTE \$0.00
*	ODCs for Phase III	1	Lot	141Ε φ0.00	141Ε φ0.00
	POP – December 15, 2010 – March 14,				
	2011				
0002C	ODC Reimbursable - NTE ODCs for	1	Lot	NTE \$0.00	NTE \$0.00
00020	Task F	1	Lot	NTE \$0.00	INTE \$0.00
	POP - March 15, 2011 - August 15, 2011				
0002D	ODC Reimbursable - NTE Travel for	1	Lot	NTE \$0.00	NTE \$0.00
0002D	Task F	1	LOI	N1E \$0.00	N1E \$0.00
Dhora I	POP - March 15, 2011 - August 15, 2011	NIO Doggan	h o m 14 20	210	
	Period of Performance - September 15, 20	1		_	-
0003	FFP - Task A – Initial Pilot Phase labor	1	Job	d))(4)
0004	FFP – Licenses for Task A – Initial Pilot	1	Lot	(1	0)(4)
	Phase - licensing solution to support				
	4,100 users of the METT-Advanced				
	Online training solution (licenses shall				
	be valid for no less than a one year				
	period and licenses shall be in TSA's				
	name.)				
	INDIVIDUAL USER LICENSES,				
	EIGHTEEN MONTH LICENSE TERM				
0005	FFP – Licenses for Task A – Initial Pilot	1	Lot		(b)(4)
(include	Phase - licensing solution to support				
s CLINs	4,100 users of the Microexpression				
0005A,	Training Course (Original) training				
0005A1)	solution (licenses shall be valid for no				
	less than a one year period and licenses				
	shall be in TSA's name.) INDIVIDUAL				
	USER LICENSES, UNLIMITED				
	ACCESS				
0006	T&M – Task B - OLC Integration labor	1	Lot	(b)(4)
	*				
Phase II -	- Period of Performance - EDOE - 3 mon	ths	'		
0007	OPTIONAL – FFP – Year 1 - Licenses	1	Lot	(b)(4)
	for Task C - TSO Training Licenses -				
	licensing solution to support 44,000				
İ	l treemang solution to support 44,000	i	1	1	1
	users of the METT-Advanced Online				

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	licenses shall be in TSA's name.) ENTERPRISE LICENSE, ONE YEAR			
	ACCESS			
0007A	OPTIONAL – FFP – Year 1 - Licenses	1	Lot	4.44
	for Task C – TSO Training Licenses -			(b)(4)
	licensing solution to support 44,000			
	users of the METT-Advanced Online			
	training solution (licenses shall be valid			
	for no less than a one year period and			
	licenses shall be in TSA's name.)			
	ENTERPRISE LICENSE, TWO YEAR			
	ACCESS			
0007B	OPTIONAL – FFP – Year 1 - Licenses	1	Lot	4.44
	for Task C – TSO Training Licenses -			(b)(4)
	licensing solution to support 44,000			
	users of the METT-Advanced Online			
	training solution (licenses shall be valid			
	for no less than a one year period and			
	licenses shall be in TSA's name.)			
	INDIVIDUAL USER LICENSES, TWO			
	YEAR LICENSE TERMS			
8000	OPTIONAL - FFP - Year 1 - Licenses	1	Lot	(b)(4)
	for Task A – licensing solution to			(0)(4)
	support 44,000 users of the			
	Microexpression Training Course			
	(Original) training solution (licenses			
	shall be valid for no less than a one year			
	period and licenses shall be in TSA's			
	name.) INDIVIDUAL USER			
	LICENSES, UNLIMITED ACCESS			
0009	OPTIONAL – T&M - Task D –	1	Lot	(b)(4)
	Curriculum Development for TSA			
	Micro-Facial Training*			
Phase II	1 - Period of Performance – December 15,	2010 – March	14, 2011	
0010	T&M – Task E - BDO Training	1	Lot	(b)(4)
	Licenses/ OLC Integration*			
0011	FFP – Year 1 - Licenses for Task E –	1	Lot	(b)(4)
	BDO Training Licenses - licensing			
	solution to support 3,100 users of the			
	MiX2 and MiX2 Additional training			
	solution (licenses shall be valid for no			
	less than a one year period and licenses			
	shall be in TSA's name.) INDIVIDUAL			

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^{*}Labor rates applied to these CLINs shall be based on Attachment 20 of the IDIQ contract.

^{**}Contractor shall bill CLINs 0001, 0001A, 0001b, 0002, 0002A, and 0002B at the sub-CLIN level (as separate CLINs with separate periods of performance).